

TWIN COIL CLAW POLE ROTOR WITH SEGMENTED STATOR WINDING
FOR ELECTRICAL MACHINE

ABSTRACT

A dynamoelectric machine including a stator with a stator winding composed of segmented conductors and representative of a first phase stator winding of multi-phase stator windings inserted in a plurality of slots defining the stator. A rotor is rotatable within the stator and is composed of more than two flux carrying segments, each segment having $P/2$ claw poles, wherein P is an even number.